

# Converting Colors

Hex(125855)

Have a look what the booklet for  
Hex(125855) contains.

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# Color

Hex(125855)

# Conversions

## Conversions Part 1

Format	Color
Hex	125855
RGB	18, 88, 85
RGB Percent	7%, 35%, 33%
CMY	0.9294, 0.6549, 0.6667
CMYK	0.80, 0.00, 0.03, 0.65
HSL	177°, 66%, 21%
HSV	177°, 80%, 35%
XYZ	5.3789, 7.7639, 9.8094
YIQ	66.7280, -40.7570, -15.7730

# Conversions

## Conversions Part 2

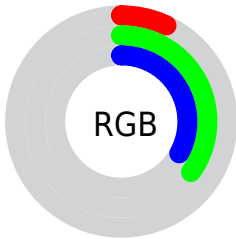
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	18, 54, 88
Decimal	1202261
CIE <sub>Lab</sub>	33.49, -21.34, -4.34
CIE <sub>LCh</sub>	33, 21.775, 191.489
Yxy	7.7639, 0.2344, 0.3383
Android (android.graphics.Color)	4279392341 (0xFF125855)
YUV	66.7280, 9.0081, -42.7345
Hunter-Lab	27.8638, -14.3038, -1.3683

# Details

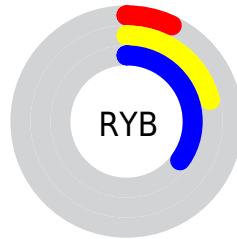
The Hex color **125855** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **581215**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4B8A87**, and **002A28** is the 20% darker color. If you saturate the color by 10%, you get **095855**, and if you desaturate by 10%, it is **1B5855**.

# Distribution



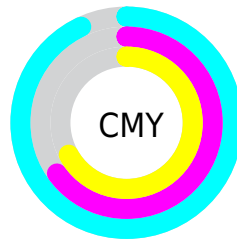
- Red (7%)
- Green (35%)
- Blue (33%)



- Red (7%)
- Yellow (21%)
- Blue (35%)



- Cyan (80%)
- Magenta (0%)
- Yellow (3%)
- Black (65%)



- Cyan (93%)
- Magenta (65%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 125855 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 125855 by changing the saturation by 10% instead.



 125855

 125855

FFFFFF

 00403E

 4B8A87

 002A28

 65A5A1

 001514

 80C0BC

 000000

 9BD7CD

 B7F9F4

 D3FFFF

 F0FFFF

 125855

 125855

■ 095855

■ 1B5855

■ 005854

■ 245856

■ 2C5856

■ 355857

■ 3E5857

■ 475857

■ 505858

■ 585858

■ 615858

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



2B5743



125855



065765

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



125855



594869



634A2E

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



125855



581215

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



6E4439



125855



6A435A

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



125855



414E70



704149



54502C

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



125855



18556D



704149



674831



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



125855



577372



155812



2A3B3A



BABABA



3B3B3B



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



125855



06736E



123958



272B2B



006B67



00EBE1



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



581215



73060A



583212



2B2727



6B0005



EB000A



# Previews

## White Background



This preview shows how the Hex color 125855 looks on a white background.

## Color Contrast Check

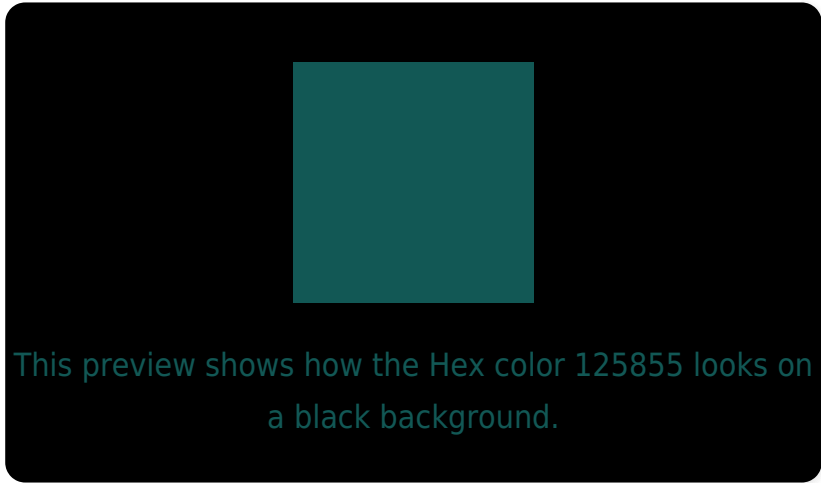
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

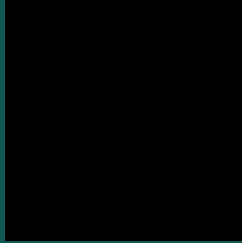
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 125855 Background



This preview shows how black text looks on a background with the Hex color 125855.



This preview shows how white text looks on a background with the Hex color 125855.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
125855

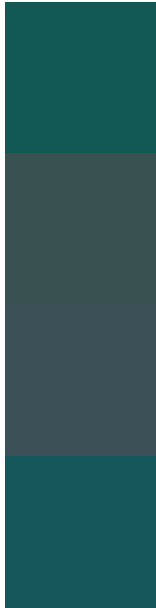
**Protanopia**  
504E4F

**Deuteranopia**  
524C58



**Tritanopia**  
19575E

# Trichromacy



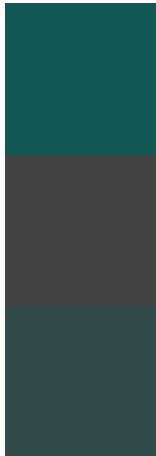
**Original Color**  
125855

**Protanomaly**  
395251

**Deuteranomaly**  
3B5057

**Tritanomaly**  
16575B

# Monochromacy



**Original Color**  
125855

**Achromatopsia**  
434343

**Achromatomaly**  
314B4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 125855 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #125855 looks like.

```
.text, #text, p{  
    color:#125855  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #125855 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #125855
}
```

## Border

The CSS property to change the border of an element to Hex 125855 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#125855 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#125855 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #125855 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #125855; -webkit-box-shadow:4px 4px  
4px 4px #125855; box-shadow:4px 4px 4px  
4px #125855 }
```

# Background

The CSS property to change the background color of an element to Hex 125855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#125855 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#125855 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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